

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Eric A. Jacobsen

Title:

SPARSE CHANNEL ESTIMATION FOR ORTHOGONAL FREQUENCY DIVISION MULTIPLEXED

**SIGNALS** 

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 $\underline{X}$  A return postcard.

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on this \_\_\_\_\_ day of October, 2002.

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